

AMENDMENTS TO THE CLAIMS

Please **AMEND** claims 1-5 and 12-16 as shown below.

The following is a complete list of all claims in this application.

1. (Currently Amended) A thin film transistor liquid crystal display (TFT-LCD) of a line inversion type ~~for block-driving data lines~~, comprising:

a plurality of pixels arranged in a matrix and divided into a plurality of blocks for block-driving, each block having a boundary pixel at a boundary thereof;

a plurality of pixel electrodes formed corresponding to the pixels; and

a plurality of data lines formed corresponding to the pixel electrodes and comprising a boundary data line provided corresponding to the boundary pixel;

wherein the boundary data line ~~a data line comprising~~ has an extension part overlapping a portion of a the pixel electrode corresponding to the boundary pixel to ~~substantially minimize a block defect, wherein the pixel electrode is arranged at a~~ boundary pixel.

2. (Currently Amended) The TFT-LCD as claimed in claim 1, ~~wherein the boundary pixel is~~ comprising a plurality of boundary pixels arranged ~~at pixels~~ between an INth data line and an (IN+1)th data line, when N is the number of data lines in a block and I is a natural number obtained by subtracting 1 from the number of blocks constituting a picture of the TFT-LCD.

3. (Currently Amended) The TFT-LCD as claimed in claim 1, wherein the extension part is formed by extending a width of the boundary data line toward the pixel electrode corresponding to the boundary pixel.

4. (Currently Amended) The TFT-LCD as claimed in claim 1, wherein the extension part is ~~composed of extension pieces protruding~~ protruded from the boundary data line to each the pixel electrode corresponding to the boundary pixel of the boundary pixels.

5. (Currently Amended) The TFT-LCD as claimed in claim 1, wherein an area of the extension part is substantially equal to an area of a portion of the pixel electrode of the boundary pixel overlapping the boundary data line ~~a pixel electrode that overlaps a data line arranged over a portion of the pixel electrode~~.

6. (Previously Presented) A thin film transistor liquid crystal display (TFT-LCD) of a line inversion type for block-driving data lines, comprising:

a substrate;

thin film transistors formed in each pixel to form a matrix, in which a gate electrode crosses a an active pattern formed on the substrate and is apart from the active pattern by a gate insulating layer;

a plurality of gate lines connected to gate electrodes of the thin film transistors of the same row in the matrix;

a plurality of data lines electrically connected to drain regions of the thin film transistors of the same column in the matrix so as to apply a data signal to the thin film transistors, the data lines being substantially parallel with one another to pass peripheral parts of the pixels; and

a plurality of pixel electrodes formed in the middle of the pixels so as to be connected to a source region of the thin film transistors, the pixel electrode having an area overlapping an adjacent data line passing around the respective pixels, wherein the TFT-LCD further comprises at least one of the plurality of data lines having an extension part overlapping at least one of the plurality of pixel electrodes of a boundary pixel to substantially minimize a block defect.

7. (Previously Presented) The TFT-LCD as claimed in claim 6, wherein the boundary pixels are arranged at pixels between an IN^{th} data line and an $(IN+1)^{\text{th}}$ data line, when N is the number of data lines in a block and I is a natural number obtained by subtracting 1 from the number of blocks constituting a picture of the TFT-LCD.

8. (Previously Presented) The TFT-LCD as claimed in claim 6, wherein the pixel electrode is selected from the group consisting of a metallic reflective plate and a transparent electrode.

9. (Original) The TFT-LCD as claimed in claim 6, further comprising a storage line for connecting a storage electrode to a row of the matrix, wherein the storage electrode makes a capacitance together with the pixel electrode.

10. (Original) The TFT-LCD as claimed in claim 6, wherein the pixel electrode is separated from the data line by an organic insulating layer, and an embossing is formed on a surface of the organic insulating layer to form a micro lens.

11. (Previously Presented) The TFT-LCD as claimed in claim 8, wherein the transparent electrode comprises material selected from the group consisting indium tin oxide (ITO) and indium zinc oxide (IZO).

12. (Currently Amended) A liquid crystal display (LCD), comprising:
~~a substrate;~~
a plurality of pixel regions divided into a plurality of blocks for block driving, each block having a boundary pixel region arranged adjoining the neighboring block and a non-boundary pixel region spaced apart from the neighboring block;
~~a plurality of thin film transistors formed in a plurality of pixel regions on the substrate;~~
a plurality of pixel electrodes arranged in formed corresponding to the plurality of pixel regions;
~~a plurality of gate lines connected to gate electrodes of the plurality of thin film transistors; and~~
a plurality of data lines ~~electrically connected to drain regions of the plurality of thin film transistors, wherein the plurality of data lines comprise at least one~~ comprising a boundary data line overlapping arranged over a the pixel electrode of a the boundary

~~pixel region to substantially minimize a block defect and a non-boundary data line~~
~~provided corresponding to the non-boundary pixel region.~~

13. (Currently Amended) The liquid-crystal display LCD of claim 12, wherein the plurality of pixel electrodes ~~comprise~~ are formed of a transparent conductive material.

14. (Currently Amended) The liquid-crystal display LCD of claim 12, wherein the plurality of pixel electrodes ~~comprise~~ are formed of a reflective conductive material.

15. (Currently Amended) The liquid-crystal display LCD of claim 12, wherein ~~at least one~~ the boundary data line comprises a first extension part arranged substantially across the boundary pixel electrode and a second extension part that extends from an end of the first extension part.

16. (Currently Amended) The liquid-crystal display LCD of claim 12, wherein an area of overlap between the pixel electrode of the boundary pixel region and the boundary data line ~~arranged over the pixel electrode of the boundary pixel~~ is larger than an area of overlap between a second the pixel electrode of a second non-boundary pixel region and a second the non-boundary data line ~~arranged over the second pixel electrode.~~